

Job Risk Analysis																	
Name(s) of Risk Team Members: P. Cirnigliaro, W. DeJong, J Wilson				Point Value → Parameter ↓		1		2		3		4		5			
Job Title: Welder's Helper or Welding Fire Watch				Frequency (B)		≤once/year		≤once/month		≤once/week		≤once/shift		>once/shift			
Job Number or Job Identifier: JRA # 21-06				Severity (C)		First Aid Only		Medical Treatment		Lost Time		Partial Disability		Death or Permanent Disability			
Training and Procedures List (optional):				Likelihood (D)		Extremely Unlikely		Unlikely		Possible		Probable		Multiple			
Approved by: E. Lessard Date: 5-19-2006 Rev. #: 0																	
Stressors (if applicable, please list all):				Reason for Revision (if applicable): Corrected errors						Comments:							
				Before Additional Controls										After Additional Controls			
Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction	
Assist in setting up work area energizing welding equipment	Electrical hazards	Training, work planning, proper selection of PPE.	N	1	2	5	2	20									
Use of inert compressed gas	Being struck by an object due to pressure release	Training, work planning, compressed gas cylinder safety handling, PPE.	N	1	2	4		8									
Assist in setting up work area	Overexertion – injuries caused by excessive lifting, pushing, pulling, holding, or carrying of an object	Training (back safety, compressed gas cylinder safety) proper selection of PPE, use of hand trucks, dollies, etc, work planning	N	1	2	4	2	16									
Assist welder at work area	Fire	Fire watch training, practical fire extinguisher training, Fire/Rescue Group response, work in designated welding area.	N	1	2	2	2	8									
Assist welder at work area	Being struck by an object, such as a tool falling on a worker from above or flying debris	Proper selection of PPE (gloves, safety glasses, safety shoes), work planning, barriers	N	1	2	2	2	8									

Assist welder at work area	Eye exposure to UV light, eye exposure to visible light	Hazard-specific safety eyewear (proper tint and wavelength) such as safety goggles which fit up against the face with no gaps (as opposed to having gaps with safety 'glasses'), and which block UV and visible light but still allow individual to see to work area; work planning, barriers.	N	1	2	2	2	8								
Assist welder at work area	Burns	Proper selection of PPE (gloves, safety glasses, safety shoes), work planning, working in designated "safe" area, barriers	N	1	2	2	3	12								
Further Description of Controls Added to Reduce Risk:																
*Risk:	0 to 20		21 to 40			41-60				61 to 80				81 or greater		
	Negligible		Acceptable			Moderate				Substantial				Intolerable		